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1 System overview

Dentsply Sirona Sivision TWAIN is a data source for TWAIN capable host applications (e.g. EagleSoft) and allows video image acquisitions using Dentsply Sirona SiroCam video devices.
2 What’s new in this version?

Support for SiroCam UAF Plus directly attached to the PC has been added.

During the first TWAIN image acquisition process this new device can be selected:

This device has to be configured as not connected to a dental unit as follows:
3 Installation

In order to install this Twain data source software run the provided setup application:

During the installation process one of following configurations has to be selected:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiroCam device is attached to a dental unit</td>
<td>The camera device is directly attached to a Dentsply Sirona dental unit (e.g. TENEO).</td>
</tr>
<tr>
<td>SiroCam device is attached to this PC directly</td>
<td>The camera device is plugged into a PC local USB port directly. Use this option in case of SiroCam UAF Plus devices.</td>
</tr>
</tbody>
</table>
Right after installation the Dentsply Sirona Sivision data source is selectable from a TWAIN host application as “Sirona Sivision Video 1.0” option, e.g.:

Using this selection the TWAIN host application will use the Dentsply Sirona Sivision data source whenever a TWAIN image acquisition is triggered.
4 Uninstallation

Use the windows control panel in order to uninstall the Dentsply Sirona Sivision TWAIN software:

Another option is to run the setup application again and to follow the uninstallation process.
5 Usage when attached to a Dentsply Sirona dental unit

Right after triggering a new TWAIN image acquisition a Dentsply Sirona Sivision TWAIN window shows up.

After SiroCam camera activation a live video stream will be presented in a new window:

Use the dental unit's foot switch pedal and buttons to control following video display options:

- Freeze/unfreeze
- Save
- Close without saving
- Close with saving
6 Usage when operated in standalone configuration

Right after the initial image acquisition is triggered inside the TWAIN host application a camera device selection dialog is displayed.

The connected SiroCam device has to be identified and selected, e.g.:

![Camera selection dialog](image)

This selection is automatically requested during future image acquisitions without showing this dialog anymore.

The shown live video stream can be controlled using following buttons or keyboard shortcuts:

<table>
<thead>
<tr>
<th>Option</th>
<th>Shortcut</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="RETURN" /></td>
<td>RETURN</td>
<td>Freeze/unfreeze video stream</td>
</tr>
<tr>
<td><img src="image" alt="ESC" /></td>
<td>ESC</td>
<td>Close video window. If the video image has been freezed, this image will be returned to the calling TWAIN host application. In multiple image acquisition mode all previously saved image will be transferred to the calling TWAIN host application.</td>
</tr>
<tr>
<td><img src="image" alt="CTRL + S" /></td>
<td>CTRL + S</td>
<td>Saves shown video image. If multiple image acquisition mode is set, the video window stays open. If not, the video window will close and return (last) shown video image to TWAIN host application</td>
</tr>
<tr>
<td><img src="image" alt="Gear" /></td>
<td></td>
<td>Opens configuration dialog.</td>
</tr>
</tbody>
</table>
# 7 Configuration

Pressing the configuration button in a opened video window following dialog shows up:

![Configuration dialog](image)

Use this form to configure following settings:

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple image acquisition</td>
<td>Selecting this mode allows to capture multiple images in one session before the video application closes and transfers data to the calling TWAIN host application.</td>
</tr>
<tr>
<td>Dentsply Sirona dental unit is connected to this PC</td>
<td>Selecting this option requires a connected dental unit or magnetic holder in order to activate the video device. If not set, the video device will be activated automatically with any new TWAIN acquisition. Same options as already shown during installation.</td>
</tr>
<tr>
<td>Clear camera device selection</td>
<td>Clears any previously stored active camera devices and forces to select a SiroCam device during next video acquisition.</td>
</tr>
</tbody>
</table>
8 Multimonitor support

The Dentsply Sirona Sivision TWAIN application reuses the last monitor device for future image acquisitions. To change the monitor in a multi-monitor environment just drag the opened video window to the desired monitor device.
We reserve the right to make any alterations which may be required due to technical improvements.